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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/713,121

11/14/2003

Masuyuki Sago

0022-3481

9609

7590 02/21/2008
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EXAMINER

SORRELL, ERON J

ART UNIT

PAPER NUMBER

2182

MAIL DATE

DELIVERY MODE

02/21/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/713,121

Applicant(s)

SAGO ET AL.

Examiner

ERON J. SORRELL

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 December 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 January 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-6 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

3. Claim 1 recites the limitation "the optical adapter" in 19. There is insufficient antecedent basis for this limitation in the claim.

4. Claim 4 recites the limitation "the optical adapter" in 22. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stanescu by (U.S. Patent No. 6,784,802) in view of Fritz (U.S. Patent No. 6,591,053).

7. Referring to claims 1 and 4, Stanescu teaches a distributing system for mutually connecting connection lines (see lines 24-28 of column 1, wherein a Telecommunications Closet is disclosed), comprising:

a plurality of connection lines each provided with two ends, with single or multiple cores (see lines 16-22 of column 4), wherein two ends of each line are provided with connector plugs with memory function units capable of untouchably performing, from the outside thereof, writing-in operation and reading-out operation of identification information of the same connector plugs are respectively connected (see lines 15-27 of column 4, wherein Stanescu teaches the FPU that can read and program (write) to the transponders);

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a plurality of plug boards mounted on the distributing frame (see lines 48-54 of column 4, wherein racks are disclosed);

a plurality of adapters (or receptacles) (rack ports, lines 48-54 of column 4), mounted separately on the plug boards and connected respectively to communication lines, for coupling to each of the connector plugs with memory function units capable of performing, from the outside thereof and without contact, writing-in operation and reading-out operations of address information of said receptacles (see lines 55-62 of column 4);

a plurality of antennas (see lines 5-11 of column 6) positioned proximate to each of the receptacles for writing-in operation into and reading-out operation, without contact, of the address information from the memory function unit when each of the connector plugs is coupled to desired one of the receptacles (see lines 5-11 of column 6); and

a data processing and display device (LMU and CMU, see lines 53-67 of column 6 and lines 21-24 of column 7), connected to a plurality of said antennas, comprising memory means for storing a wiring table showing a desired relationship between said addresses information of said receptacles and said identification information of the connector plugs, and a plurality of optical indicators proximate to each of the optical

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adapters for displaying desired parts of the information on the wiring table (see lines 21-31 of column 7, note the LMU and CMU are connected to the adapters);

wherein said identification information of each of the connector plugs coupled to one of said receptacles specified may be displayed on the display means and stored in the memory means (see lines 59-61 of column 6 and line 21-24 of column 7).

Stanescu teaches the invention substantially as claimed, however Stanescu fails to teach the cables and adapters being optical cables and adapters.

Fritz teaches telecommunications cabling system comprising optical cables and adapters are well known in the art.

It would have been obvious to one of ordinary skill in the art at the time of the applicants invention to combine the teachings of Stanescu and Fritz such the telecommunications closet. One of ordinary skill in the art could have substituted one known type of cabling with another type of cabling and the result of the substitution would have been predictable.

8. Referring to claims 2 and 5, Stanescu indicators are switched ON-OFF in accordance with desired switching timing, which is controlled by a control signal from the data processing and displaying device (see lines 11-23 of column 5).

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9. Referring to claims 3 and 6, Stanescu teaches the system comprises means for displaying the indicators as two different colors, "correct" color one and the other a "possibly incorrect" color, said "possibly incorrect" color being lit at the point of incorrect connection when considered in light of the desired structure between said addresses information of said receptacles and said identification information of the connector plugs (see lines 29-35 of column 5 and lines 18-20 of column 6, wherein the colors red and green are utilized).

Response to Arguments

10. Applicant's arguments with respect to claims 1 and 4 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ERON J. SORRELL whose telephone number is (571)272-4160. The examiner can normally be reached on Monday-Friday 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alford Kindred can be

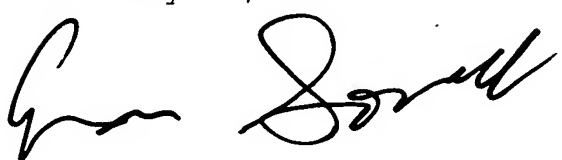
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reached on 571-272-4037. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

EJS

February 18, 2008

 2/18/08